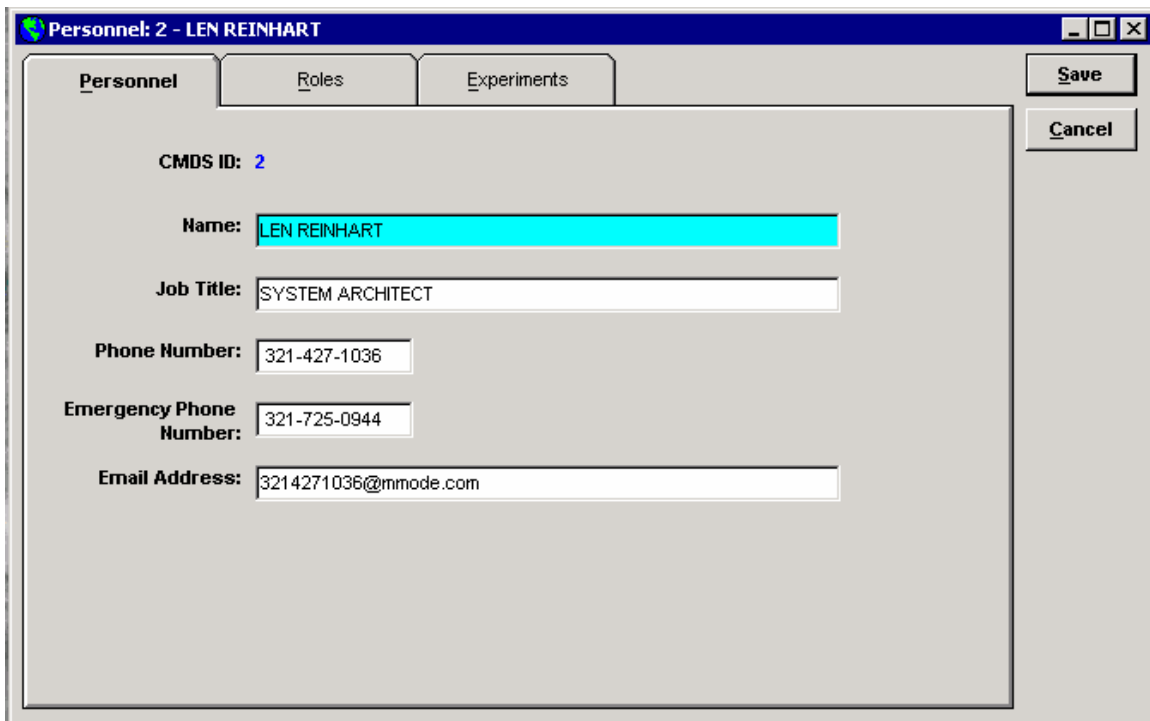# Configuration of CMDS for Alarm Notification

The individual to be notified (or a surrogate) must be identified to the system. Select the *Support Codes* Menu from the CMDS Database tool and select the Personnel option. A list of personnel known to the system will be shown. If your name is on the list, right click and choose *Edit*. If your name is not on the list choose *Add.* A form like the one below will be presented. Enter your name and email address. The email address for a Cingular phone is the area code and phone number followed by "@mmode.com. For example my email address to be sent to my phone is: 3214271036@mmode.com .

Selecting *Alarms* at the *Experiment* Menu brings up the Alarm screen. Right clicking on the screen brings up a menu allowing one to View, Edit or Add Alarms. Add brings up a blank form. This form allows an alarm to be defined by selecting a parameter and then selecting the Notification List, personnel can be added to the alarm. Options exist for phone, emergency phone, email, display or audible alert. At this time only the email option is functional.
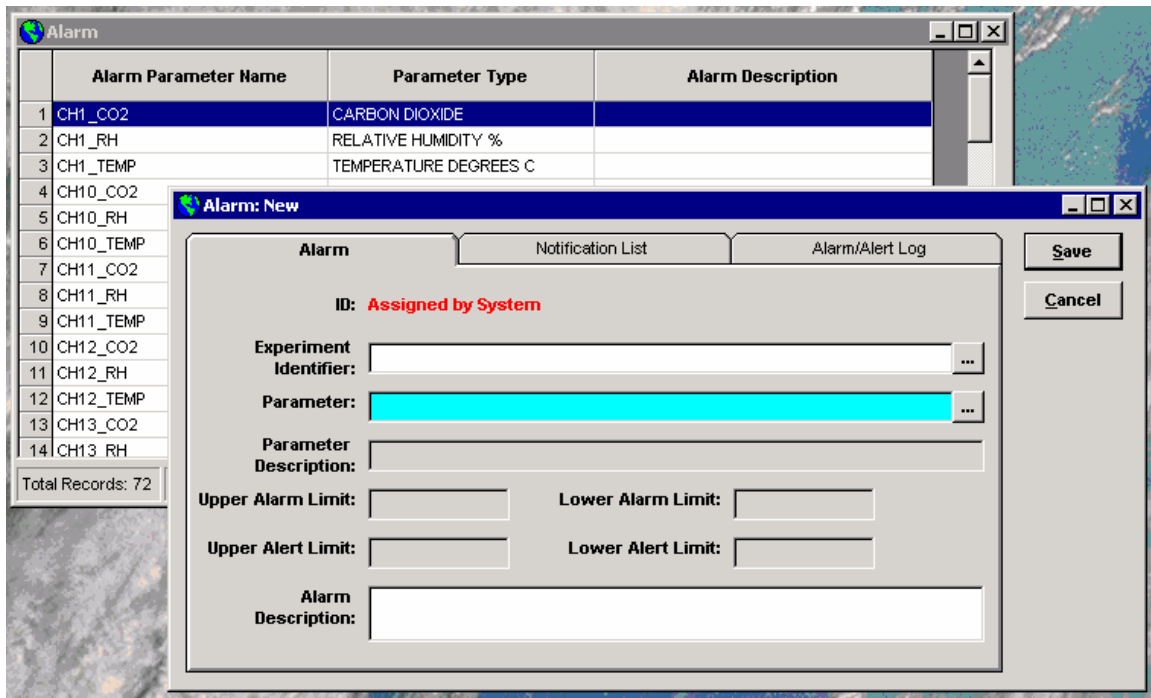
 Selecting *Alarm/Alert Log* will display a list of all alarms for that parameter during that experiment. Alarm Limits are not functional here (and will be removed shortly). At this time we have the personnel identified to the system and the parameters for which they will be notified. Be sure the email checkbox is checked.

Next alarming of the parameter needs to be enabled. Open the Setpoints Screen at the CMDS ioDisplay for the chamber that has the parameters that will be alarmed. Click on the alarm setpoint to set it as shown.
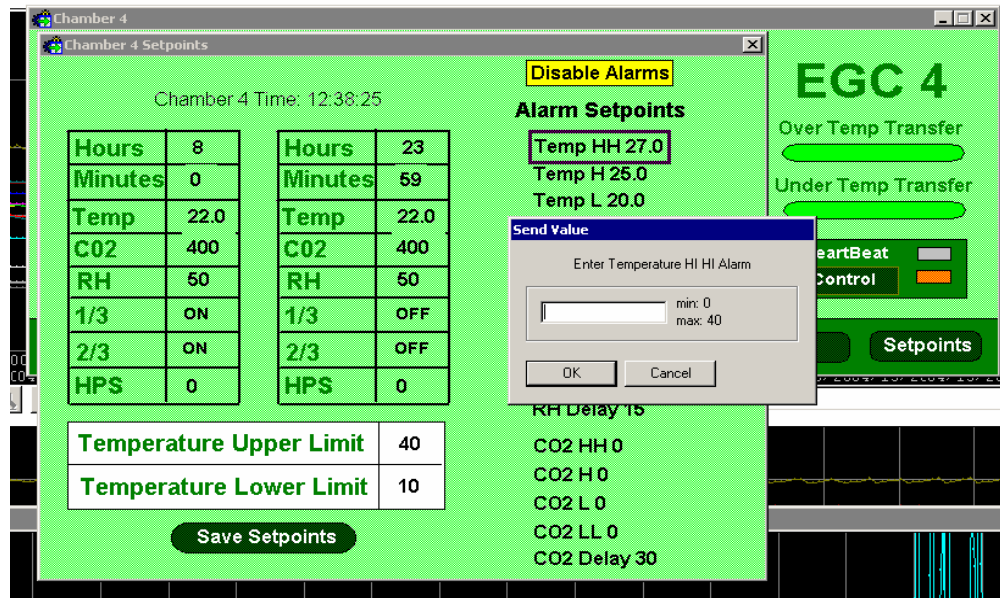
Guidelines for these settings are:

Temp HH and LL are set five degrees above and below setpoint.

Temp H and L are set two degrees above and below setpoint.

Temp Delay is set to five minutes.

 Temperature alarms are logged to the database and reported to the Phytotron Systems Engineer. It is his job to coordinate response to temperature alarms. Temperature alarms can also be sent to any email address. See the CMDS database users guide for setting up a user and email address and attaching an alarm to a parameter or ask one of the engineering support staff.

RH HH and LL are set to ten percent relative humidity above and below setpoint.

RH H and L are set to eight percent relative humidity above and below setpoint.

RH Delay is set to fifteen minutes.

Relative Humidity alarms are logged to the database and can also be sent to any email address.

CO_2 HH and LL are set to setpoint plus or minus 20 percent of the setpoint value. For example for a setpoint of 1200 the HH value would be 1200 + 240 or 1440.

CO_2 H and L are set to setpoint plus or minus 10 percent of the setpoint value.

CO_2 Delay is set to 30 minutes.

During maintenance or between experiments select the yellow Disable Alarms Button and you will see the indicator lights go from green to grey indicating alarms are disabled.